EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L19	1	"6322507".pn.	US-PGPUB; USPAT	OR	ON	2009/03/30 13:35
L20	4	("6322507" "5301674" "7396332" "4534221").pn.	US-PGPUB; USPAT	OR	ON	2009/03/30 13:56
L21	26797	eck or ekg or electrocardiogra$3 or electro?cardiogra$3 or electrocardio?gra$3 or electro?cardio?gra$3	US-PGPUB; USPAT	OR	ON	2009/03/30 13:57
L22	0	20 and 21	US-PGPUB; USPAT	OR	ON	2009/03/30 13:57
L23	261859	heart or cardia? or R?wave or Rwave or QRS	US-PGPUB; USPAT	OR	ON	2009/03/30 13:58
L24	2	20 and 23	US-PGPUB; USPAT	OR	ON	2009/03/30 13:58
L25	244279	ultrasound or ultrasonic or ultrasonically	US-PGPUB; USPAT	OR	ON	2009/03/30 13:59
L26	4821	21 and 23 and 25	US-PGPUB; USPAT	OR	ON	2009/03/30 13:59
L27	1845	21 with (gat$3 or sync or synchroniz$3 or synchronization or correlat $3)	US-PGPUB; USPAT	OR	ON	2009/03/30 14:00
L28	766	26 and 27	US-PGPUB; USPAT	OR	ON	2009/03/30 14:00
L29	8765	600/437-471.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:00
L30	188	28 and 29	US-PGPUB; USPAT	OR	ON	2009/03/30 14:00
L31	592	600/466-470.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:01
L32	13	28 and 31	US-PGPUB; USPAT	OR	ON	2009/03/30 14:01
L33	7	("6322507" "5301674" "7396332" "4534221" "20010020126" "6095976" "20040039286").pn.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:24
L34	534769	resolution	US-PGPUB; USPAT	OR	ON	2009/03/30 14:24
L35	6	33 and 34	US-PGPUB; USPAT	OR	ON	2009/03/30 14:24
L36	54646	first adj image	US-PGPUB; USPAT	OR	ON	2009/03/30 14:35
L37	45078	second adj image	US-PGPUB; USPAT	OR	ON	2009/03/30 14:35

L38	10661	(compar$3 or comparison) near3 34	US-PGPUB; USPAT	OR	ON	2009/03/30 14:35
L39	16	36 with 37 with 38	US-PGPUB; USPAT	OR	ON	2009/03/30 14:35
L40	4	25 and 39	US-PGPUB; USPAT	OR	ON	2009/03/30 14:35
L41	29222	(compar$3 or comparison or better or worse or (lower near1 quality)) near3 34	US-PGPUB; USPAT	OR	ON	2009/03/30 15:17
L42	50	36 same 37 same 41	US-PGPUB; USPAT	OR	ON	2009/03/30 15:18
L43	128701	first near3 frequency	US-PGPUB; USPAT	OR	ON	2009/03/30 15:27
L44	290589	(second or higher or lower) near3 frequency	US-PGPUB; USPAT	OR	ON	2009/03/30 15:28
L45	170280	frequency near3 (transmit or transmission or transmitt$3)	US-PGPUB; USPAT	OR	ON	2009/03/30 15:28
L46	3195	first adj resolution	US-PGPUB; USPAT	OR	ON	2009/03/30 15:28
L47	36518	(second or better or worse or lower or greater) adj resolution	US-PGPUB; USPAT	OR	ON	2009/03/30 15:29
L48	1105	44 same 47	US-PGPUB; USPAT	OR	ON	2009/03/30 15:29
L50	821	43 with 34	US-PGPUB; USPAT	OR	ON	2009/03/30 15:29
L51	47	48 same 50	US-PGPUB; USPAT	OR	ON	2009/03/30 15:29
L52	5	25 and 51	US-PGPUB; USPAT	OR	ON	2009/03/30 15:30
L55	4529	((optimal or best or better or optimiz$3 or optimization) with resolution) same frequency	US-PGPUB; USPAT	OR	ON	2009/03/30 15:31
L56	285	38 and 55	US-PGPUB; USPAT	OR	ON	2009/03/30 15:31
L57	54	25 and 56	US-PGPUB; USPAT	OR	ON	2009/03/30 15:32
L58	66	382/148.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 15:48
L59	856	382/299.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 15:48
L60	857	73/602.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 15:49
L61	1776	58 59 60	US-PGPUB; USPAT	OR	ON	2009/03/30 15:49
L62	744	25 and 61	US-PGPUB; USPAT	OR	ON	2009/03/30 15:49

L63	44	41 and 62	US-PGPUB; USPAT	OR	ON	2009/03/30 15:50
L64	1	"5301674".pn.	US-PGPUB; USPAT	OR	ON	2009/03/30 16:18
L65	1	resolut$3 and 64	US-PGPUB; USPAT	OR	ON	2009/03/30 16:18
L66	49141	fine adj tun$3	US-PGPUB; USPAT	OR	ON	2009/03/30 16:27
L67	675737	resolution or 45	US-PGPUB; USPAT	OR	ON	2009/03/30 16:27
L68	575	66 with 67	US-PGPUB; USPAT	OR	ON	2009/03/30 16:28
L69	59	41 and 68	US-PGPUB; USPAT	OR	ON	2009/03/30 16:28
S139	240141	ultrasound or ultrasonic or ultrasonically	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:24
S140	40194	depth with imag$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:24
S141	21297	depth with frequency	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:24
S142	1188	S139 and S140 and S141	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:24
S143	242	catheter and S142	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:24
S144	8511	600/437-472.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:24
S145	113	S143 and S144	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:24
S146	1	"7396332".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:57
S147	30	("3779234" | "4276491" | "4697595" | "4726230" | "4860758" | "4870972" | "4951677" | "4963782" | "5060653" | "5163436" | "5269307" | "5284148" | "5351693" | "5360007" | "5410205" | "5423319" | "5438554" | "5460595" | "5464016" | "5825117" | "5938612" | "6004269" | "6074349" | "6233476" | "6361500" | "6457365" | "6558331" | "6719700" | "6780157" | "6958040").PN. OR ("7396332").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 17:46
S148	4	("6358208" "4534221" "4442713" "5361767").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 16:57
S149	524165	resolution	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:08
S150	187528	first near3 image	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:08

S151	154852	second near3 image	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:08
S152	240299	ultrasound or ultrasonic or ultrasonically	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:08
S153	102357	catheter	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:08
S154	2622629	compar$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:09
S155	375	S149 same S150 same S151 same S154	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:09
S156	26	S152 and S155	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:09
S157	2	S153 and S156	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:09
S158	31762	ekg or ecg or electrocardiogra$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:10
S159	6	S158 and S156	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:10
S160	195587	first near3 (image or resolution)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:12
S161	164870	second near3 (image or resolution)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:12
S162	1490163	frequency	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:12
S163	3093	(S160 with S161) same S162	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:12
S164	68	S158 same S150 same S151	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:13
S165	3	S163 and S164	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:13
S166	19	S163 and S158 and S152	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:15
S167	9654	S153 same S152	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:17
S168	86082	S160 same S161	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:18
S169	275	S167 and S168	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:18
S170	1121328	(optimal or optimiz$3 or optimization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/05 18:18
S172	37781	S170 with S162	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:18
S173	22	S172 and S169	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:19
S174	0	("2005/0240103").URPN.	USPAT	OR	ON	2008/11/05 18:22

| S175 | 110 | ("20030045796" \| "20030158483" \| "4161121" \| "4241610" \| "4442713" \| "4462408" \| "4519260" \| "4534221" \| "4576177" \| "4605009" \| "4841977" \| "4890268" \| "4917097" \| "4951677" \| "5002059" \| "5090956" \| "5105819" \| "5152294" \| "5158087" \| "5170793" \| "5195968" \| "5254088" \| "5279559" \| "5307816" \| "5309914" \| "5325860" \| "5336182" \| "5345938" \| "5345940" \| "5357550" \| "5358478" \| "5361767" \| "5364351" \| "5372138" \| "5385148" \| "5395327" \| "5438997" \| "5456258" \| "5456664" \| "5499630" \| "5515853" \| "5515856" \| "5531686" \| "5560362" \| "5588432" \| "5622174" \| "5662116" \| "5697965" \| "5699805" \| "5701897" \| "5704361" \| "5713363" \| "5715817" \| "5722403" \| "5749364" \| "5788636" \| "5795299" \| "5797848" \| "5800356" \| "5807324" \| "5846205" \| "5888577" \| "5891088" \| "5906579" \| "5916168" \| "5921978" \| "5928276" \| "5931863" \| "5935102" \| "5938616" \| "5954654" \| "6013072" \| "6033378" \| "6039693" \| "6085117" \| "6144870" \| "6171248" \| "6173205" \| "6190353" \| "6210333" \| "6224556" \| "6228028" \| "6228032" \| "6261246" \| "6306096" \| "6306097" \| "6310828" \| "6358208" \| "6360027" \| "6368275" \| "6385489" \| "6398731" \| "6423002" \| "6440488" \| "6443894" \| "6475148" \| "6475149" \| "6482161" \| "6485455" \| "6491633" \| "6503202" \| "6517488" \| "6527717" \| "6532378" \| "6554770" \| "6589182" \| "6605043" \| "6607488" \| "6612992" \| "6645147" \| "6648875" \| "6709396").PN. | USPAT | OR | ON | 2008/11/05 18:23 |
| S176 | 0 | (S154 same S160 same S161) and S175 | USPAT | OR | ON | 2008/11/05 18:23 |

S177	35	S154 and S175	USPAT	OR	ON	2008/11/05 18:23
S178	57814	(better or higher or greater) with resolution	USPAT	OR	ON	2008/11/05 18:24
S179	13	S175 and S178	USPAT	OR	ON	2008/11/05 18:24
S180	43012	(optimal or optimiz$3 or optimization) with frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/05 18:27
S181	5	S178 same S180 same S154	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:28
S182	54794	(optimal or optimiz$3 or optimization) with (frequency or resolution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/05 18:30
S183	193	(S150 same S151 same S154) and S182	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:30
S184	8	(S150 same S151 same S154) same S182	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:31
S185	3	S158 and S152 and S183	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:33
S186	258854	(oscillat$3 or scan or scanning or scanned) with frequency	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 19:26
S189	42126	(optimal or optimiz$3 or optimization or best) same resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/05 19:28
S190	137	S152 and S153 and S186 and S189	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 19:28
S191	54	S158 and S190	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 19:29
S192	1	"7396332".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 19:38
S193	30	("3779234" | "4276491" | "4697595" | "4726230" | "4860758" | "4870972" | "4951677" | "4963782" | "5060653" | "5163436" | "5269307" | "5284148" | "5351693" | "5360007" | "5410205" | "5423319" | "5438554" | "5460595" | "5464016" | "5825117" | "5938612" | "6004269" | "6074349" | "6233476" | "6361500" | "6457365" | "6558331" | "6719700" | "6780157" | "6958040"). PN. OR ("7396332").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 19:38

S194	30	("3542014" | "3779234" | "3817089" | "4671295" | "4757821" | "4841977" | "4850363" | "5078148" | "5400788" | "5406951" | "5471988" | "5479928" | "5620479" | "5655537" | "5704361" | "5720287" | "5724978" | "5848969" | "6102865" | "6131458" | "6224556").PN. OR ("6361500").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 19:41
S195	45468	depth same frequency	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 18:53
S196	54870	(optimal or optimiz$3 or optimization) with (frequency or resolution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:54
S198	3344	S195 and S196	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 18:54
S199	240618	ultrasound or ultrasonic or ultrasonically	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 18:54
S200	864	S198 and S199	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 18:54
S201	59331	"382"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 18:55
S202	20	S200 and S201	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 18:55
S203	3197649	compar$3 or comparison or comparator or correlat$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 19:01
S204	34483	S203 with resolution	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 19:01
S205	3026	S199 and S204	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 19:01
S206	508	(automat$2 or automatically or auto) with (select$3 or selective$2 or determin$3 or calculat$3 or choose or choosing or compute or computing or computed or computation) with (frequency or hertz or hz) with (depth or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:03
S207	41	S204 and S206	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 19:03
S208	19	S199 and S207	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 19:04
S209	5	("6104673" "6352510" "20020050169" "20030055337" "6612987").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 19:06

S210	5	("3934577" | "5198713" | "5313947" | "5603324" | "6104670").PN. OR ("6612987").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 19:09
S211	3	("6358208" "4534221" "442713" "5361767").pn.	US-PGPUB; USPAT	OR	ON	2009/03/29 13:55
S212	4	("6358208" "4534221" "4442713" "5361767").pn.	US-PGPUB; USPAT	OR	ON	2009/03/29 13:56
S213	65	("3815409" | "3898840" | "3924454" | "4016750" | "4016751" | "4034332" | "4058003" | "4137777" | "4138895" | "4155259" | "4159462" | "4180790" | "4212206" | "4241611" | "4242911" | "4290310" | "4307613" | "4351123" | "4413520" | "4434661" | "4442713" | "4442715" | "4446740" | "4459853" | "4470305").PN. OR ("4534221").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 14:27
S214	30	("3779234" | "4276491" | "4697595" | "4726230" | "4860758" | "4870972" | "4951677" | "4963782" | "5060653" | "5163436" | "5269307" | "5284148" | "5351693" | "5360007" | "5410205" | "5423319" | "5438554" | "5460595" | "5464016" | "5825117" | "5938612" | "6004269" | "6074349" | "6233476" | "6361500" | "6457365" | "6558331" | "6719700" | "6780157" | "6958040"). PN. OR ("7396332").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 15:02
S215	1	"6053871".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 15:36
S216	1	"5284148".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 15:48
S217	29	("4532933" | "4794931" | "5000185" | "5054492" | "5078149" | "5152291" | "5170793").PN. OR ("5284148").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 15:48
S218	1	10/827520	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 16:00
S219	13799	transducer near3 array	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 16:01
S221	212664	frequency near2 range	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 16:01
S222	233	S219 with S221	US-PGPUB; USPAT	OR	ON	2009/03/29 16:01

S223	105509	catheter	US-PGPUB; USPAT	OR	ON	2009/03/29 16:01
S224	27	S222 and S223	US-PGPUB; USPAT	OR	ON	2009/03/29 16:02
S225	32	(US-20040127790-$ or US-20060058654-$ or US-20060058672-$ or US-20070131882-$ or US-20080269615-$).did. or (US-5313947-$ or US-5301674-$ or US-6585652-$ or US-7288068-$ or US-6053871-$ or US-4860758-$ or US-5379642-$ or US-6659949-$ or US-7239907-$ or US-6358208-$ or US-5969321-$ or US-5438554-$ or US-4901245-$ or US-5941825-$ or US-3898840-$ or US-4442713-$ or US-4574635-$ or US-4441368-$ or US-4511984-$ or US-5361767-$ or US-7396332-$ or US-5957846-$ or US-6361500-$ or US-6612987-$ or US-5284148-$ or US-6997934-$).did. or (EP-76168-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/03/29 17:38
S226	1311734	increment$3 or interval	US-PGPUB; USPAT	OR	ON	2009/03/29 17:39
S227	21	S225 and S226	US-PGPUB; USPAT	OR	ON	2009/03/29 17:39
S228	444565	increment$3	US-PGPUB; USPAT	OR	ON	2009/03/29 17:39
S229	10	S225 and S228	US-PGPUB; USPAT	OR	ON	2009/03/29 17:39
S230	3	("4534221" "7396332" "5361767").pn.	US-PGPUB; USPAT	OR	ON	2009/03/29 19:41
S231	2	attenuat$3 and S230	US-PGPUB; USPAT	OR	ON	2009/03/29 19:41
S232	117976	attenuat$3 with (signal or ultrasound or acoustic or receiv$3 or reflect$3)	US-PGPUB; USPAT	OR	ON	2009/03/29 19:49
S233	645116	(select$3 or selective$2 or determin$3 or calculat$3 or choose or choosing or compute or computing or computed or computation) with (depth or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/29 19:50
S234	591126	(optimal or optimiz$3 or optimization or change or alter or increas$3 or decreas$3 or changing or altering) with frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/29 19:51

S235	4090	S232 with S234	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/29 19:51
S236	432635	ultrasound or ultrasonic or ultrasonically	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/29 19:52
S237	540	S235 and S236	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/29 19:52
S238	255	depth and S237	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/29 19:52
S239	15830	(optimal or optimiz$3 or optimization or change or alter or increas$3 or decreas$3 or changing or altering) with ((transmit or transmission) near3 frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/29 21:00
S240	122592	attenuat$3 with (signal or ultrasound or acoustic or receiv$3 or reflect$3 or tissue)	US-PGPUB; USPAT	OR	ON	2009/03/29 21:01
S241	23066	(select$3 or selective$2 or determin$3 or calculat$3 or choose or choosing or compute or computing or computed or computation) with ((transmit or transmission) near3 frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/29 21:01
S242	46	S239 same S240 same S241	US-PGPUB; USPAT	OR	ON	2009/03/29 21:02
S243	8	S236 and S242	US-PGPUB; USPAT	OR	ON	2009/03/29 21:02

3/30/2009 5:08:14 PM
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